'FOR UTILITY/DESIGN 'CIP/PCT NATIONAL/PLANT ORIGINAL/SUBSTITUTE/SUPPLEMENTAL DECLARATIONS

address.)

RULE 63 (37 C.F.R. 1.63) DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is cought on the INVENTION ENTITY ED. CAS. SENSOR

the specification of which							
X -> [X] is attached here	o,						
BOX(ES) -> [] was filed on _		as l	J.S. Application 1	No. 0/			
-> -> and (if U,S, or PCT applic				on			
I hereby state that I have reviewed	i and unde	rstand the contents of the	above identified sp	pecification, including the clair	ms, as amen	led by any amendment refe	erred to above.
I acknowledge the duty to disclose 35 U.S.C. 119/365 of any foreign	all inform	nation known to me to be	material to patent	ability as defined in 37 C.F.F. below and have also identified	t. 1.56. The	reby claim foreign priority oreign application for pate	benefits under
certificate filed by me or my assig	nee disclo	sing the subject matter cl	aimed in this app	lication and having a filing da	ate (1) before	e that of the application on	which priority
is claimed, or (2) if no priority c	laimed, be	fore the filing date of this	s application:				
PRIOR FOREIGN APPLICATION		w/MONITH/Wasa Filed	Date first Laid-	Date Patented	Priority Cla		
Number Country 2000-23847 Japan		y/MONTH/Year Filed ebruary 1, 2000	open or Public	shed or Granted	<u>Yes</u> X	<u>No</u>	
2000-397062 Japan		ecember 27, 2000			X		
I hereby claim domestic priority	benefit ur	nder 35 U.S.C. 119/120/3	65 of the indicate	ed United States applications	listed below	and PCT international app	lications listed
above or below and, if this is a co	ntinuation	-in-part (CIP) application	insofar as the sub	oject matter disclosed and clai	med in this	application is in addition to	that disclosed
in such prior applications, I ack available between the filing date							which became
PRIOR U.S. PROVISIONAL, N	IONPRO	VISIONAL AND/OR PC	T APPLICATION	N(S) Status		Priority Cla	<u>imed</u>
Application No. (series code/ser			TH/Year Filed	pending, abando	ned, patente	<u>Yes</u>	<u>No</u>
I hereby declare that all statement that these statements were made of Title 18 of the United States	with the ki	nowledge that willful false	statements and th	e like so made are punishable	by fine or in	nprisonment, or both, unde	
							~ *****
And I hereby appoint Pillsbury M telephone number (202) 861-300 attorneys to prosecute this appli authorize them to delete name person/assignee/attorney/firm/ 0	0 (to whor cation and s/numbers	n all communications are a to transact all business is below of persons no lo	to be directed), ar in the Patent and nger with their f	nd the below-named persons (Trademark Office connected irm and to act and rely on i	of the same therewith a instructions	address) individually and on the modern of t	collectively my it, and I hereby rectly with the
to be represented unless/until I i	-				icoy deciale	that I have consented after	Tun disciosure
Paul N. Kokulis	16773	Dale S. Lazar	28872	Mark G. Paulson	30793	Michael R. Dzwonczyk	36787
Raymond F. Lippitt	17519	Paul E. White, Jr.	32011	Stephen C. Glazier	31361	W. Patrick Bengtsson	32456
G. Lloyd Knight	17698	Glenn J. Perry	28458	Paul F. McQuade	31542	Jack S. Barufka	37087
Carl G. Love	18781	Kendrew H. Colton	30368	Ruth N. Morduch	31044	Adam R. Hess	41835
Kevin E. Joyce	20508	G. Paul Edgell	24238	Richard H. Zaitlen	27248		
George M. Sirilla	18221	Lynn E. Eccleston	35861	Roger R. Wise	31204		
Donald J. Bird	25323	Timothy J. Klima	34852	Jay M. Finkelstein	21082		
Peter W. Gowdey	25872	David A. Jakopin	32995	Anita M. Kirkpatrick	32617	4	
1. INVENTOR'S SIGNATURE	e: <i>Ke</i>	nin Tukaye	٩	Date Januar	4.16.	200/	
Inventor's Name (typed)	Keni			Fukaya /	Japa		
Residence (City) Chiryu-sh	Firs		Initial (State/Foreign	Family Name 1 Country) Japan	Count	ry of Citizenship	
Post Office Address (Include Zi				owa-cho, Kariya-city, Aichi-r	oref. 448-002	29 Japan	
	no	man of		7	,,,	/	
2. INVENTOR'S SIGNATURI Inventor's Name (typed)	Masan	sanabu far	auon	Date	Japá	n	
· · ·	First	Middle Ir		Family Name	Count		
Residence (City) Kariya-shi Post Office Address (Include Zi			(State/Foreign	Country) Japan wa-cho, Kariya-city, Aichi-p	ref 448 002	9 Japan	
rosi Office Address (include Zi	p Code)_	_ GO DENSO CORPOR	A11019, 1-1, 500	wa-ciio, Kaiiya-ciiy, Aichi-n	101. 990-002	z sapan	
				• (1/2)		بالمنواء بعدائهم	
3. INVENTOR'S SIGNATURI	3:			Date		*	
Inventor's Name (typed)	irst	Middle I	nitial	Family Name	Gount	ry of.Citizenship	
Residence (City)		(Sta	e/Foreign Countr	-		-	
Post Office Address (Include Z	ip Code)_						
(FOR ADDITIONAL INVENT	ORS, che	ck box [] and attach s	heet (PAT-116.2) for same information for ea	ch re signati	ire, name, date, citizenship	o, residence and

FOR UTILITY/DESIGN CIP/PCT NATIONAL/PLANT ORIGINAL/SUBSTITUTE/SUPPLEMENTAL **DECLARATIONS**

Z.

BULE 63 (37 C.F.R. 1.63) IN THE

DECLARATION AND POWER OF ATTORNEY	FORM
FOR PATENT APPLICATION UNITED STATES PATENT AND TRADEMARK OFFICE	

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED GAS SENSOR the specification of which (CHECK applicable BOX(ES)) -> [X] is attached hereto. as U.S. Application No. 0 BOX(ES) -> [] was filed on [] was filed as PCT International Application No. PCT/_ and (if U.S. or PCT application amended) was amended on I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application: Priority Claimed Date first Laid-Date Patented PRIOR FOREIGN APPLICATION(S) No Day/MONTH/Year Filed open or Published or Granted Yes Country Number Number X February 1, 2000 2000-23847 Japan 2000-397062 December 27, 2000 Japan I hereby claim domestic priority benefit under 35 U.S.C. 119/120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application: Priority Claimed PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S) Status Yes <u>No</u> pending, abandoned, patented Day/MONTH/Year Filed Application No. (series code/serial no.) I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And I hereby appoint Pillsbury Madison & Sutro LLP, Intellectual Property Group, 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918, telephone number (202) 861-3000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or a below attorney in writing to the contrary. 36787 Michael R. Dzwonczyk 30793 Mark G. Paulson 16773 Paul N. Kokulis 32456 W. Patrick Bengtsson Stephen C. Glazier 31361 32011 17519 Paul E. White, Jr. Raymond F. Lippitt 37087 31542 Jack S. Barufka Paul F. McOuade 28458 Glenn J. Perry G. Lloyd Knight 17698 31044 Adam R. Hess 41835 Ruth N. Morduch 30368 Carl G. Love 18781 Kendrew H. Colton 27248 Richard H. Zaitlen 20508 G. Paul Edgell 24238 Kevin E. Joyce 35861 Roger R. Wise 31204 18221 Lynn E. Eccleston George M. Sirilla 21082 34852 Jay M. Finkelstein Timothy J. Klima Donald J. Bird 25323 32617 Anita M. Kirkpatrick 32995 25872 David A. Jakopin Peter W. Gowdey 1. INVENTOR'S SIGNATURE: Kenji 0 Fukaya Inventor's Name (typed)_ Middle Initial Family Name Country of Citizenship First (State/Foreign Country) Residence (City) Chiryu-shi, Aichi-ken c/o DENSO CORPORATION, 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 Japan Post Office Address (Include Zip Code) Masans Date January 2. INVENTOR'S SIGNATURE: Japan Yamauchi Inventor's Name (typed) Masanobu Country Citizenship Middle Initial Family Name First (State/Foreign Country) Residence (City) Kariya-shi, Aichi-ken c/o DENSO CORPORATION, 1-1, Showa-cho, Kariya-city, Aichi-pref. 448 0029 Post Office Address (Include Zip Code) Date 3. INVENTOR'S SIGNATURE: Inventor's Name (typed) Gountry of Citizenship Middle Initial Family Name First (State/Foreign Country) Residence (City) Post Office Address (Include Zip Code)

(FOR ADDITIONAL INVENTORS, check box [] and attach sheet (PAT-116.2) for same information for each re signature, name, date, citizenship, residence and address.)